



The IoT is a technological system that allows different devices to connect to each other through a network (Internet, LoRaWan, SigFox...), so that we can control them remotely.

At FOSSA Systems we connect industrial IoT devices through our constellation of satellites, offering IoT connectivity at all times, even in areas where there is no mobile coverage.

WHAT IS IOT & HOW IT WORKS



Type of Sensors



a wide variety of data, such as:

Sensors collect and transmit

LOCALIZATION **TEMPERATURE** HUMIDITY MOVEMENT PH LEVELS **PRESSURE SALINITY**

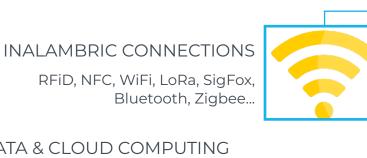
Type of Connection

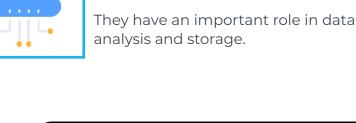






RFiD, NFC, WiFi, LoRa, SigFox, Bluetooth, Zigbee... **BIG DATA & CLOUD COMPUTING**







PROBLEM

Internet connection to be able to send data to each other. However, only around 20% of our planet has GSM, 2G, 3G coverage... and covering the other 80% is currently very expensive.

By deploying small satellites we

SOLUTION

can achieve global coverage, even in remote areas. The small size of picosatellites makes their manufacture and launch enormously cheaper, and, consequently, reduces the cost of communication.

IOT CONNECTIVITY THROUGH SATELLITES



private key that only the •

client knows.

• to the ground station.

network

client's

server.

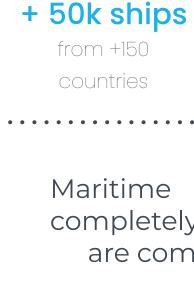
analysis.

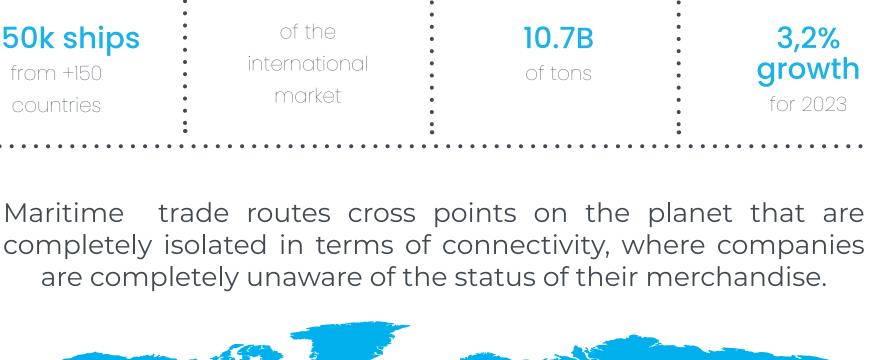
LOGISTICS MARKET WORLDWIDE

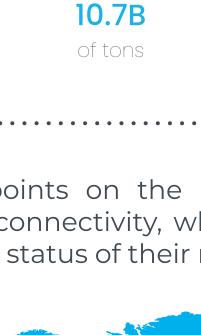
USE CASE - LOGISTICS

90%

OVERVIEW OF THE









3,2%

